



## Material Safety Data Sheet

MSDS Number: 1214283  
Revision date: 01/04/2013  
Print date: 01/04/2013

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 1214283  
Product name: 0.9% Sodium Chloride Irrigation Solution  
Product Codes: 2F7122, 2F7123, 2F7124, 2F7125  
Synonyms: None  
Chemical Family: Salt solution  
Product Type: Irrigating solution  
Container Information: Plastic bottle  
Product Use: Pharmaceutical.

#### Supplier

BAXTER HEALTHCARE CORPORATION  
DEERFIELD, ILLINOIS 60015  
(800) 422-9837 or (224) 948-4770

Emergency telephone number PROSAR: USA (888) 990-0996 OUTSIDE USA (651)917-6114  
CHEMTREC: USA (800) 424-9300 OUTSIDE USA (743)741-6089

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight %	UN Number:	Classification:
Sodium Chloride 7647-14-5	<1	None	Xi, R38
Water 7732-18-5	>99	None	None

### 3. HAZARDS IDENTIFICATION

**Emergency overview:** The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Principle routes of exposure:** Inhalation. Ingestion. Eye contact. Skin.

**Inhalation:** Inhalation not likely under normal use conditions.

**Ingestion:** Not expected to be hazardous by ingestion.

**Skin contact:** Not expected to cause skin irritation.

**Eye contact:** Not expected to cause eye irritation.

### 4. FIRST AID MEASURES

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

**Skin contact:** Wash contaminated skin with soap and water. Get medical attention if irritation develops.

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**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

**Eye contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

**Notes to physician:** Treat symptomatically and supportively.

**5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media:** Water

**Special protective equipment for firefighters:** Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

**Specific methods:** No information available.

**Flash point:** Not determined

**Autoignition temperature:** Not available.

**Flammable limits in air-lower (%):** Not available.

**Flammable limits in air-upper (%):** Not available.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** In case of fire, stop leak if safe to do so Use suitable protective equipment (Section 8).

**Environmental precautions:** No information available.

**Methods for cleaning up:** For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

**7. HANDLING AND STORAGE**

**Handling:**

**Technical measures/precautions:** None

**Storage:**

**Technical measures/conditions:** Keep containers tightly closed in a cool, well-ventilated place. Store at room temperature 25 °C (77 °F). Avoid excessive heat.

**Incompatible products :** No special restrictions on storage with other products.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits**

Component	OSHA- Time Weighted Average:	OSHA- Short Term Exposure Limit:	OSHA- Ceiling Limits	ACGIH- Time Weighted Average:	ACGIH- Short Term Exposure Limit:	ACGIH- Ceiling Limit Value:
Sodium Chloride 7647-14-5	None	None	None	None	None	None

Water 7732-18-5	None	None	None	None	None	None
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**Engineering measures:** No special containment is required.

**Personal protective equipment:**

**Respiratory protection:** No personal respiratory protective equipment normally required.

**Hand protection:** Not required.

**Skin and body protection:** Not required.

**Eye protection:** Eye protection not required for normal final product use. Safety glasses with side-shields are recommended for laboratory and manufacturing use.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Physical state:** Liquid  
**Appearance:** Aqueous solution  
**Color:** Colorless. Clear  
**Odor:** Not available.  
**pH:** 4.5-7.0  
**Molecular weight:** Not applicable.  
**Boiling point/range:** Not available.  
**Melting point/range:** Not available.  
**Density:** Not available.  
**Vapor pressure:** Not available.  
**Evaporation rate:** Not available.  
**Solubility:** Not available.  
**Partition coefficient (n-octanol/water):** Not available.  
**Viscosity:** Not available.  
**% Volatile by Volume:** Not available.

<b>10. STABILITY AND REACTIVITY</b>
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**Stability:** Stable under recommended storage conditions.

**Polymerization:** Not applicable

**Hazardous decomposition products:** Not available.

**Materials to avoid:** None known

## 11. TOXICOLOGICAL INFORMATION

Component	LD50 Dermal	LC50 Inhalation	LD50 Oral
Sodium Chloride 7647-14-5	10 g/kg (rabbit)	42 g/m <sup>3</sup> (rat)	3 g/kg (rat)
Water 7732-18-5	-	-	90 mL/kg (rat)

**Acute toxicity:** None

**Chronic toxicity:** Not determined

**Carcinogenic effects:** Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

**Mutagenic effects:** No mutagenicity studies have been conducted.

**Reproductive toxicity:** Reproductive studies have not been conducted on the product itself.

**FDA Pregnancy Category** C

## 12. ECOLOGICAL INFORMATION

**Environmental properties:**

Component	Ecotoxicity - Water Flea Data	Fish Species Ecotoxicity	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data
Sodium Chloride 7647-14-5	340.7 - 469.2 mg/L EC50 48 h 1000 mg/L EC50 48 h	4747-7824 mg/L LC50 Oncorhynchus mykiss 96 h 5560-6080 mg/L LC50 Lepomis macrochirus 96 h 6020-7070 mg/L LC50 Pimephales promelas 96 h 6420-6700 mg/L LC50 Pimephales promelas 96 h 12946 mg/L LC50 Lepomis macrochirus 96 h 7050 mg/L LC50 Pimephales promelas 96 h	None.	None.
Water 7732-18-5	None.	None.	None.	None.

**Ecotoxicity effects:** Not Available.

**Bioaccumulation:** D

## 13. DISPOSAL CONSIDERATIONS

**Waste Classification:** Not regulated.

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**Waste from residues / unused products:**

Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

**14. TRANSPORT INFORMATION**

**DOT:**

DOT shipping name: None  
 UN Number: None  
 DOT Packing Group: None  
 DOT Hazard class: None

**TDG (Canada):**

TDG Proper shipping name: None  
 TDG UN/NA Number: None  
 TDG Packing Group: None  
 TDG Hazard class: None

**ADR/RID:**

ADR Official Transport Name: None  
 ADR Proper shipping name: None  
 ADR UN/NA number: None  
 ADR Hazard Class: None

**ICAO / IATA:**

IATA Proper shipping name: None  
 IATA UN Number: None  
 IATA Primary Hazard: None  
 IATA Packing group: None  
 ICAO ERG Code: None

**IMO / IMDG:**

IMDG Proper Shipping Name: None  
 IMDG Hazard Class and Division: None  
 IMDG Packing Group: None  
 IMDG Subsidiary Risks: None

**15. REGULATORY INFORMATION**

**U.S. Regulations:**

**TSCA Inventory List - OTHER REGULATIONS:** The product is exempt from TSCA, it is FDA Regulated

**Japanese Inventory (ENCS)** This product complies with JPENCS

Component	Weight %	RCRA Status:	CERCLA Reportable Quantity:	CERCLA/SARA - 302 Ext. haz. substances:	Listed as Sara 313 title III:
Sodium Chloride 7647-14-5	<1	Not Listed	Not Listed	Not Listed	Not Listed
Water 7732-18-5	>99	Not Listed	Not Listed	Not Listed	Not Listed

**STATE REGULATIONS:**

Component	California Prop. 65	Minnesota Right-To -Know:	Florida Right-to-Know Reporting List:	Rhode Island Right-to-Know List:	Massachusetts Right-to-Know List:	Pennsylvania Right-to-Know:	New Jersey Right-to-Know:
Sodium Chloride 7647-14-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

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Water 7732-18-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
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**CANADIAN REGULATIONS:**

**Canada DSL Inventory List -** This product complies with DSL

**EU EINECS List -** This product complies with EINECS

**Risk Phrases:**  
NONE

**Safety Phrases:**  
NONE

<b>16. OTHER INFORMATION</b>
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**This data sheet contains changes from the previous version in section(s)?:**  
Changes to Section 1.

**Additional information:**  
Not Available.

**Prepared by:** Technology Resources, Baxter Healthcare Corporation

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**End of safety data sheet:**